

Amendments to the Claims

This listing of claims will replace the prior version in the application.

CLAIMS

1. (currently amended) A method for preparing electrodes based on activated carbon and carbon nanotubes on a collector, comprising the following steps:

- (a) blending of an initial powdery carbon material comprising activated carbon and carbon nanotubes in and a solvent;
- (b) ~~addition~~ adding of a polymer binder and blending until homogenized to form a paste;
- (c) drying of the paste;
- (d) optionally, mixing of the paste; and
- (e) covering of the collector with the paste.

2. The method as claimed in claim 1, in which step a) is carried out by ultrasonication.

3. (currently amended) The method as claimed in ~~either of claims 1 and 2~~ claim 1, in which step a) is carried out at a temperature of at least 50°C.

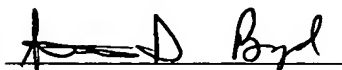
4. (currently amended) The method as claimed in ~~one of claims 1 to 3~~ claim 1, in which the initial powdery carbon material of step a) is obtained by a method comprising the following steps:

- (f) dispersion of the carbon nanotubes in a solvent, ~~preferably water~~;
- (g) addition of the activated carbon and blending; and
- (h) drying of the initial powdery carbon material.

5. (previously presented) The method as claimed in claim 4, in which the addition of activated carbon is followed by ultrasonication.

6. (currently amended) The method as claimed in ~~one of claims 1 to 5~~ claim 1, in which the initial powdery carbon material is a blend of activated carbon and carbon nanotubes, in a weight proportion ranging from 95/5 to 50/50.
7. (currently amended) The method as claimed in ~~one of claims 1 to 6~~ claim 1, in which the binder is an aqueous suspension of ~~PTFE~~ polytetrafluoroethylene or styrene/butadiene.
8. (currently amended) The method as claimed in ~~one of claims 1 to 7~~ claim 1, in which step d) is carried out to fibrillation of the binder.
9. (currently amended) A method for preparing a paste based on activated carbon and carbon nanotubes, comprising steps a) to d) as claimed in ~~one of claims 1 to 8~~ claim 1.
10. (currently amended) An improved-aging electrode obtained by the method as claimed in ~~one of claims 1 to 8~~ claim 1.
11. (previously presented) A supercapacitor comprising at least one electrode as claimed in claim 10.
12. (new) The method as claimed in claim 4 in which said solvent is water.

Respectfully submitted,



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